

gaged in or concerned with, or which has authority over, matters relating to space—

(1) may, upon a written request from the Administrator, make available, on a reimbursable basis or otherwise, any personnel (with their consent and without prejudice to their position and rating), service, or facility which the Administrator considers necessary to carry out any provision of this chapter;

(2) may, upon a written request from the Administrator, furnish any available data or other information which the Administrator considers necessary to carry out any provision of this chapter; and

(3) may cooperate with the Administration.

(Pub. L. 100-147, title II, §211, Oct. 30, 1987, 101 Stat. 875.)

§ 2486j. Reports to Congress and President; comments and recommendations

(a) The Administrator shall submit to the Congress and the President, not later than January 1, 1989, and not later than February 15 of every odd-numbered year thereafter, a report on the activities of the national space grant¹ and fellowship program.

(b) The Director of the Office of Management and Budget and the Director of the Office of Science and Technology Policy in the Executive Office of the President shall have the opportunity to review each report prepared pursuant to subsection (a) of this section. Such Directors may submit, for inclusion in such report, comments and recommendations and an independent evaluation of the national space grant college and fellowship program. Such comments and recommendations shall be submitted to the Administrator not later than 90 days before such a report is submitted pursuant to subsection (a) of this section and the Administrator shall include such comments and recommendations as a separate section in such report.

(Pub. L. 100-147, title II, §212, Oct. 30, 1987, 101 Stat. 875.)

§ 2486k. Designation or award to be on competitive basis

The Administrator shall not under this chapter designate any space grant college or space grant regional consortium or award any fellowship, grant, or contract unless such designation or award is made in accordance with the competitive, merit-based review process employed by the Administration on October 30, 1987.

(Pub. L. 100-147, title II, §213, Oct. 30, 1987, 101 Stat. 875.)

§ 2486l. Authorization of appropriations

(a) There are authorized to be appropriated for the purposes of carrying out the provisions of this chapter sums not to exceed—

(1) \$10,000,000 for each of fiscal years 1988 and 1989; and

(2) \$15,000,000 for each of fiscal years 1990 and 1991.

(b) Such sums as may be appropriated under this section shall remain available until expended.

¹ So in original. Probably should be "grant college".

(Pub. L. 100-147, title II, §214, Oct. 30, 1987, 101 Stat. 875.)

CHAPTER 26B—BIOMEDICAL RESEARCH IN SPACE

Sec.

Findings.

2487. Biomedical research joint working group.

(a) Establishment.

(b) Membership.

(c) Annual reporting requirement.

(d) Annual biomedical research symposia.

2487b. Biomedical research grants.

(a) Establishment of program.

(b) Research opportunity announcements.

2487c. Biomedical research fellowships.

2487d. Joint former Soviet Union studies in biomedical research.

2487e. Establishment of electronic data archive.

2487f. Establishment of emergency medical service telemedicine capability.

2487g. Authorization of appropriations.

§ 2487. Findings

The Congress finds that—

(1) the space program can make significant contributions to selected areas of health-related research and should be an integral part of the Nation's health research and development program;

(2) the continuing development of trained scientists and engineers is essential to carrying out an effective and sustained program of biomedical research in space and on the ground;

(3) the establishment and maintenance of an electronically accessible archive of data on space-related biomedical research is essential to advancement of the field;

(4) cooperation with the republics of the former Soviet Union, including use of former Soviet orbital facilities, offers the potential for greatly enhanced biomedical research activities and progress; and

(5) the establishment and maintenance of an international telemedicine consultation satellite capability to support emergency medical service provision can provide an important aid to disaster relief efforts.

(Pub. L. 102-588, title VI, §601, Nov. 4, 1992, 106 Stat. 5130.)

§ 2487a. Biomedical research joint working group

(a) Establishment

The Administrator and the Director of the National Institutes of Health shall jointly establish a working group to coordinate biomedical research activities in areas where a microgravity environment may contribute to significant progress in the understanding and treatment of diseases and other medical conditions. The joint working group shall formulate joint and complementary programs in such areas of research.

(b) Membership

The joint working group shall include equal representation from the National Aeronautics and Space Administration and the National Institutes of Health, and shall include representa-

tion from National Institutes of Health councils, as selected by the Director of the National Institutes of Health, and from the National Aeronautics and Space Administration Advisory Council.

(c) Annual reporting requirement

The joint working group shall report annually to Congress on its progress in carrying out this section.

(d) Annual biomedical research symposia

The working group shall organize annual symposia on biomedical research described in subsection (a) of this section under the joint sponsorship of the National Aeronautics and Space Administration and the National Institutes of Health.

(Pub. L. 102-588, title VI, § 602, Nov. 4, 1992, 106 Stat. 5130.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 2487b, 2487c of this title.

§ 2487b. Biomedical research grants

(a) Establishment of program

The Administrator and the Director of the National Institutes of Health shall establish a joint program of biomedical research grants in areas described in section 2487a(a) of this title, where such research requires access to a microgravity environment. Such program shall be consistent with actions taken by the joint working group under section 2487a of this title.

(b) Research opportunity announcements

The grants program established under subsection (a) of this section shall annually issue joint research opportunity announcements under the sponsorship of the National Institutes of Health and the National Aeronautics and Space Administration. Responses to the announcements shall be evaluated by a peer review committee whose members shall be selected by the Director of the National Institutes of Health and the Administrator, and shall include individuals not employed by the National Aeronautics and Space Administration or the National Institutes of Health.

(Pub. L. 102-588, title VI, § 603, Nov. 4, 1992, 106 Stat. 5130.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

§ 2487c. Biomedical research fellowships

The Administrator and the Director of the National Institutes of Health shall create a joint program of graduate research fellowships in biomedical research described in section 2487a(a) of this title. Fellowships under such program may provide for participation in approved research conferences and symposia.

(Pub. L. 102-588, title VI, § 604, Nov. 4, 1992, 106 Stat. 5131.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

§ 2487d. Joint former Soviet Union studies in biomedical research

The Administrator, in consultation with the Director of the National Institutes of Health, shall, as soon as practicable, establish and submit to Congress a plan for the conduct of joint biomedical research activities by the republics of the former Soviet Union and the United States, including the use of the United States Space Shuttle and former Soviet orbital facilities such as the Mir space station.

(Pub. L. 102-588, title VI, § 605, Nov. 4, 1992, 106 Stat. 5131.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

§ 2487e. Establishment of electronic data archive

The Administrator shall create and maintain a national electronic data archive for biomedical research data obtained from space-based experiments.

(Pub. L. 102-588, title VI, § 606, Nov. 4, 1992, 106 Stat. 5131.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

§ 2487f. Establishment of emergency medical service telemedicine capability

The Administrator shall with the Director of the Federal Emergency Management Agency, the Director of the Office of Foreign Disaster, and the Surgeon General of the United States jointly create and maintain an international telemedicine satellite consultation capability to support emergency medical services in disaster-stricken areas.

(Pub. L. 102-588, title VI, § 607, Nov. 4, 1992, 106 Stat. 5131.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

§ 2487g. Authorization of appropriations

The Administrator should ensure that up to \$3,750,000 from the appropriations authorized for “Research and Development” for fiscal year 1993 are also used to carry out this chapter.

(Pub. L. 102-588, title VI, § 608, Nov. 4, 1992, 106 Stat. 5132.)

“ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

CHAPTER 27—LOAN SERVICE OF CAPTIONED FILMS AND EDUCATIONAL MEDIA FOR HANDICAPPED

Sec.

2491 to 2494. Repealed.

2495. National Advisory Committee on Education of the Deaf.

- (a) Establishment; number and appointment of members; representation of interests; Chairman; term of office; vacancies; restriction on term.
- (b) Functions of Advisory Committee.
- (c) Advisory professional or technical personnel.
- (d) Compensation and travel expenses.
- (e) Meetings.

§§ 2491 to 2494. Repealed. Pub. L. 91-230, title VI, § 662(1), Apr. 13, 1970, 84 Stat. 188

Section 2491, Pub. L. 85-905, § 1, Sept. 2, 1958, 72 Stat. 1742; Pub. L. 87-715, § 1(a), Sept. 28, 1962, 76 Stat. 654; Pub. L. 89-258, Oct. 19, 1965, 79 Stat. 983; Pub. L. 90-247, title I, § 155(a), Jan. 2, 1968, 81 Stat. 804, contained statement of purposes for the provisions.

Section 2492, Pub. L. 85-905, § 2, Sept. 2, 1958, 72 Stat. 1742; Pub. L. 89-258, Oct. 19, 1965, 79 Stat. 983; Pub. L. 90-247, title I, § 155(b), Jan. 2, 1968, 81 Stat. 805; Pub. L. 91-61, § 1(2), Aug. 20, 1969, 83 Stat. 103, defined "Secretary", "United States", "deaf person", "handicapped", and "construction".

Section 2493, Pub. L. 85-905, § 3, Sept. 2, 1958, 72 Stat. 1742; Pub. L. 87-715, § 1(b), Sept. 28, 1962, 76 Stat. 654; Pub. L. 89-258, Oct. 19, 1965, 79 Stat. 983; Pub. L. 90-247, title I, § 155(c), (d)(1), Jan. 2, 1968, 81 Stat. 805; Pub. L. 91-61, § 1(1), Aug. 20, 1969, 83 Stat. 102, provided for establishment of a loan service of captioned films and educational media for handicapped and authority of Secretary.

Section 2494, Pub. L. 85-905, § 4, Sept. 2, 1958, 72 Stat. 1743; Pub. L. 87-715, § 1(c), Sept. 28, 1962, 76 Stat. 654; Pub. L. 89-258, Oct. 19, 1965, 79 Stat. 984; Pub. L. 90-247, title I, § 155(e), Jan. 2, 1968, 81 Stat. 805; Pub. L. 91-61, § 1(3), Aug. 20, 1969, 83 Stat. 103, authorized appropriations for fiscal years ending as indicated: \$3,000,000 (June 30, 1966, and 1967), \$8,000,000 (June 30, 1968, and 1969), \$10,000,000 (June 30, 1970), \$12,500,000 (June 30, 1971), \$15,000,000 (June 30, 1972), and \$20,000,000 (June 30, 1973 and thereafter).

Such former provisions are covered by various sections of Title 20, Education, as follows:

Former Sections	Title 20 Sections
2491	1451
2492(1)	1401(14)
2492(2)	1401(2)
2492(3)	Repealed
2492(4)	1401(1)
2492(5)	1401(4)
2493(a), (b)	1452(a), (b)
2493(c)(1)(A) to (C)	1453(a)(1) to (3)
2493(c)(1)(D)	1232b
2493(c)(2)	1453(b)
2493(c)(3)	1404
2494	1454

EFFECTIVE DATE OF REPEAL

Section 662 of Pub. L. 91-230 provided that the repeal is effective July 1, 1971.

§ 2495. National Advisory Committee on Education of the Deaf

(a) Establishment; number and appointment of members; representation of interests; Chairman; term of office; vacancies; restriction on term

(1) For the purpose of advising and assisting the Secretary of Education (hereinafter in this section referred to as the "Secretary") with re-

spect to the education of the deaf, there is hereby created a National Advisory Committee on Education of the Deaf, which shall consist of twelve persons, not otherwise in the employ of the United States, appointed by the Secretary without regard to the civil service laws.

(2) The membership of the Advisory Committee shall include educators of the deaf, persons interested in education of the deaf, educators of the hearing, and deaf individuals.

(3) The Secretary shall from time to time designate one of the members of the Advisory Committee to serve as Chairman of the Advisory Committee.

(4) Each member of the Advisory Committee shall serve for a term of four years, except that any member appointed to fill a vacancy occurring prior to the expiration of the term for which his predecessor was appointed shall be appointed only for the remainder of such term, and except that the terms of the office of the members first taking office shall expire, as designated by the Secretary at the time of appointment, three at the end of the first year, three at the end of the second year, three at the end of the third year, and three at the end of the fourth year after the date of appointment.

(5) A member of the Advisory Committee shall not be eligible to serve continuously for more than one term.

(b) Functions of Advisory Committee

The Advisory Committee shall advise the Secretary concerning the carrying out of existing and the formulating of new or modified programs with respect to the education of the deaf. In carrying out its functions, the Advisory Committee shall (A) make recommendations to the Secretary for the development of a system for gathering information on a periodic basis in order to facilitate the assessment of progress and identification of problems in the education of the deaf; (B) identify emerging needs respecting the education of the deaf, and suggest innovations which give promise of meeting such needs and of otherwise improving the educational prospects of deaf individuals; (C) suggest promising areas of inquiry to give direction to the research efforts of the Federal Government in improving the education of the deaf; and (D) make such other recommendations for administrative action or legislative proposals as may be appropriate.

(c) Advisory professional or technical personnel

The Secretary may, at the request of the Advisory Committee appoint such special advisory professional or technical personnel as may be necessary to enable the Advisory Committee to carry out its duties.

(d) Compensation and travel expenses

Members of the Advisory Committee, and advisory or technical personnel appointed pursuant to subsection (c) of this section, while attending meetings or conferences of the Advisory Committee or otherwise serving on business of the Advisory Committee, shall be entitled to receive compensation at rates fixed by the Secretary, but not exceeding \$100 per day including travel time and while serving away from their homes or regular places of business they may be